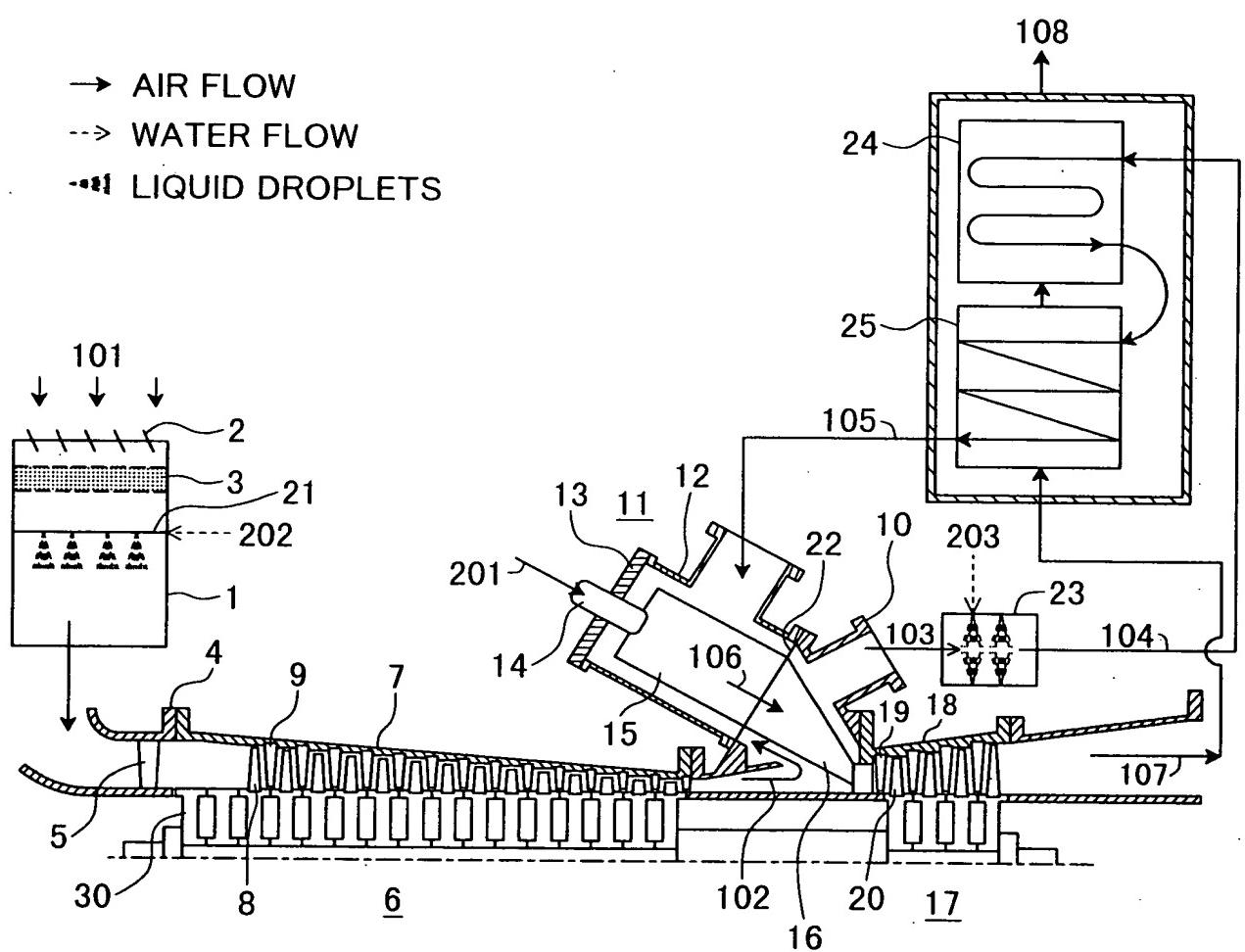
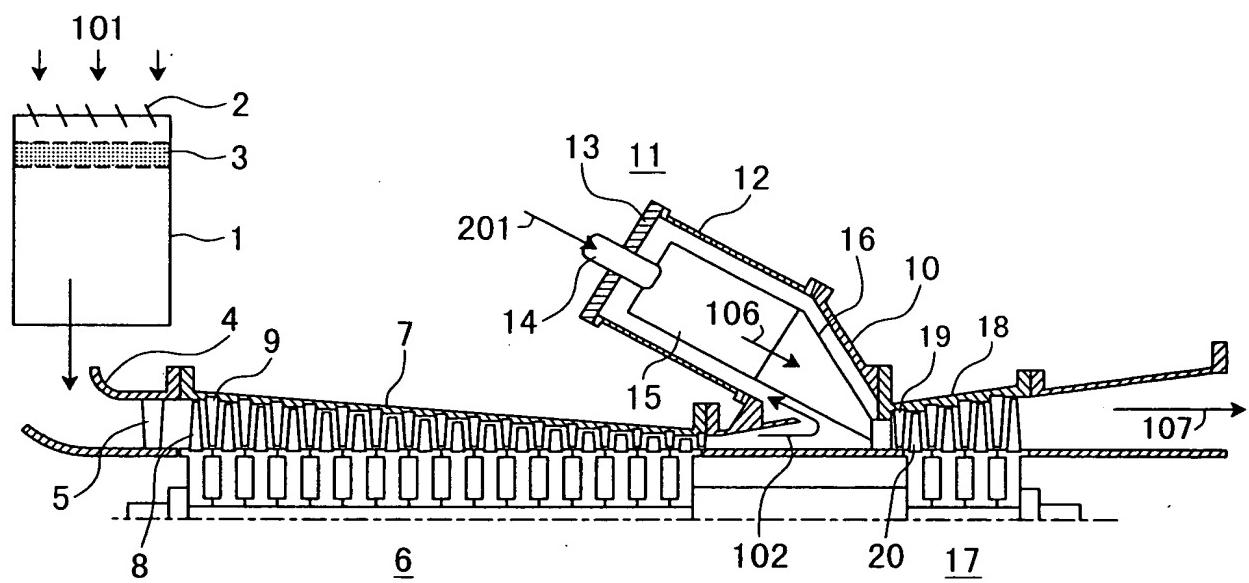


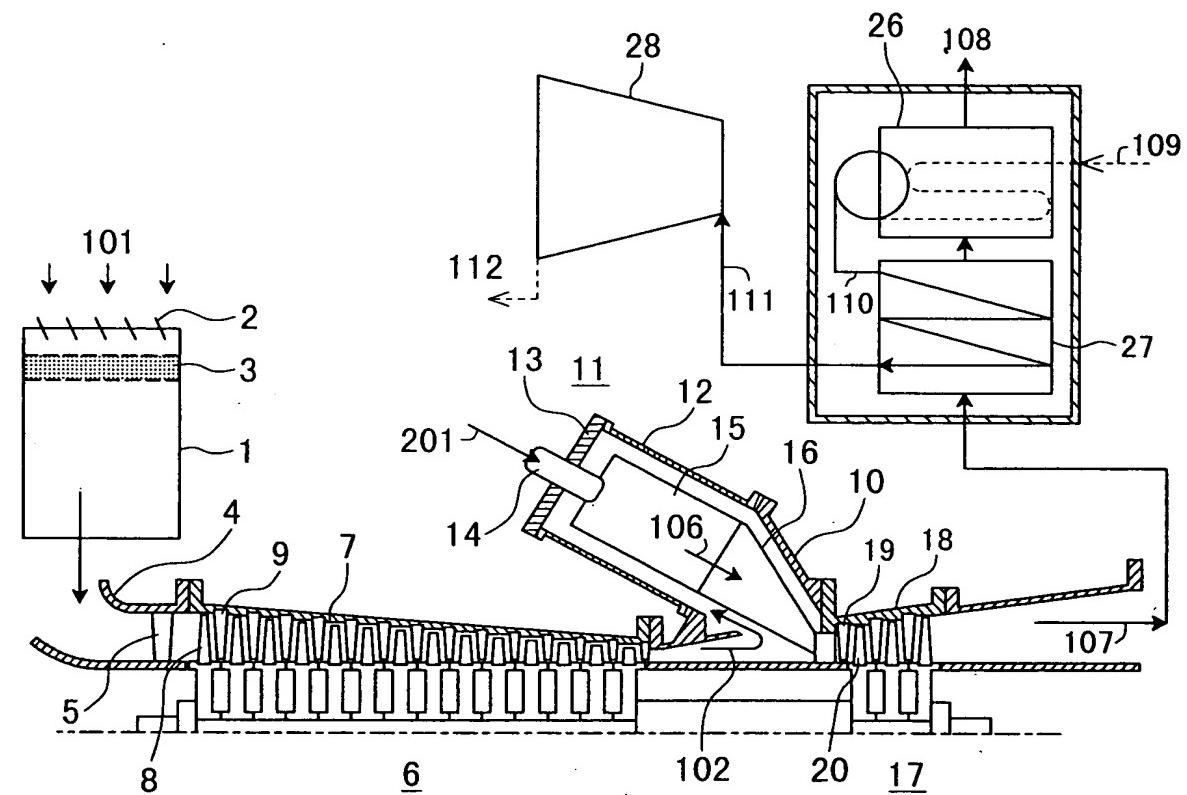
**FIG. 1**



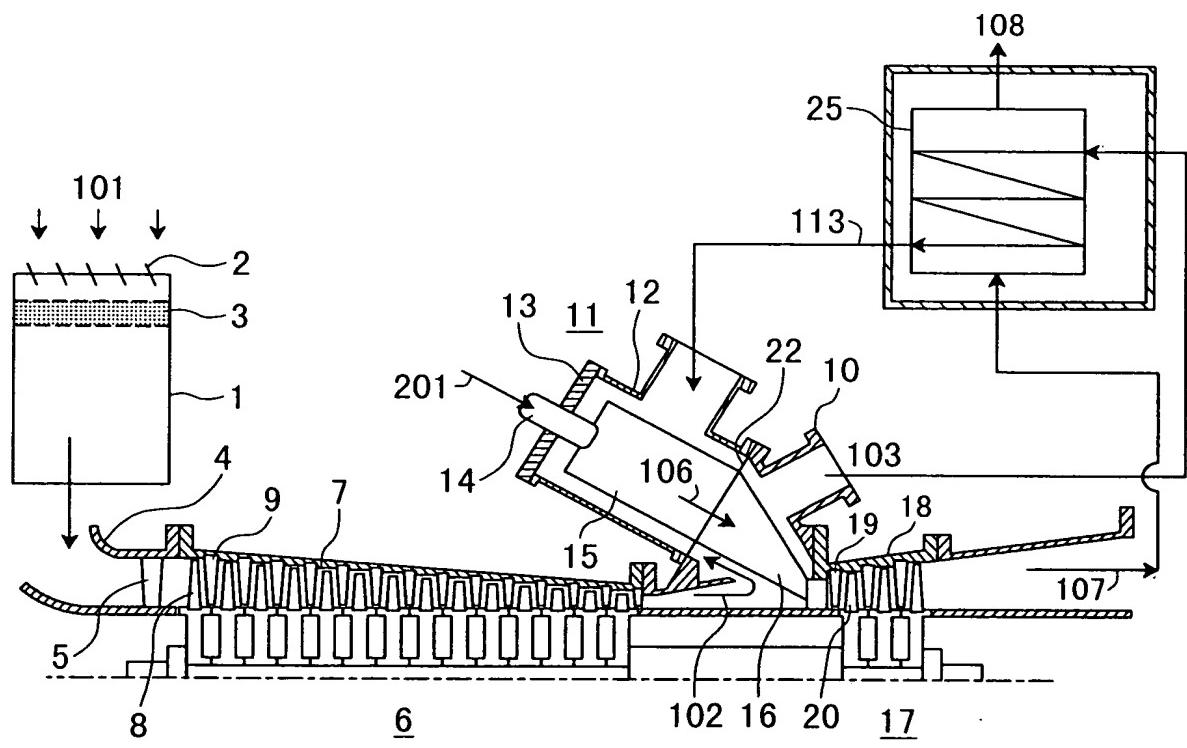
**FIG.2**



**FIG.3**



**FIG.4**



**FIG.5**

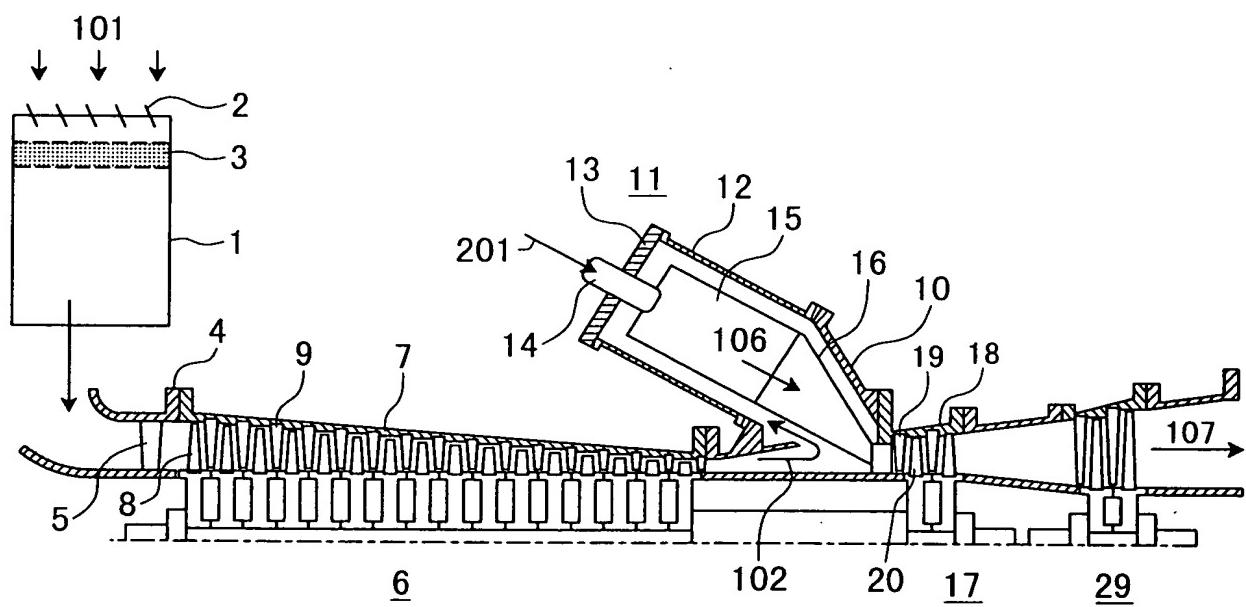


FIG. 6

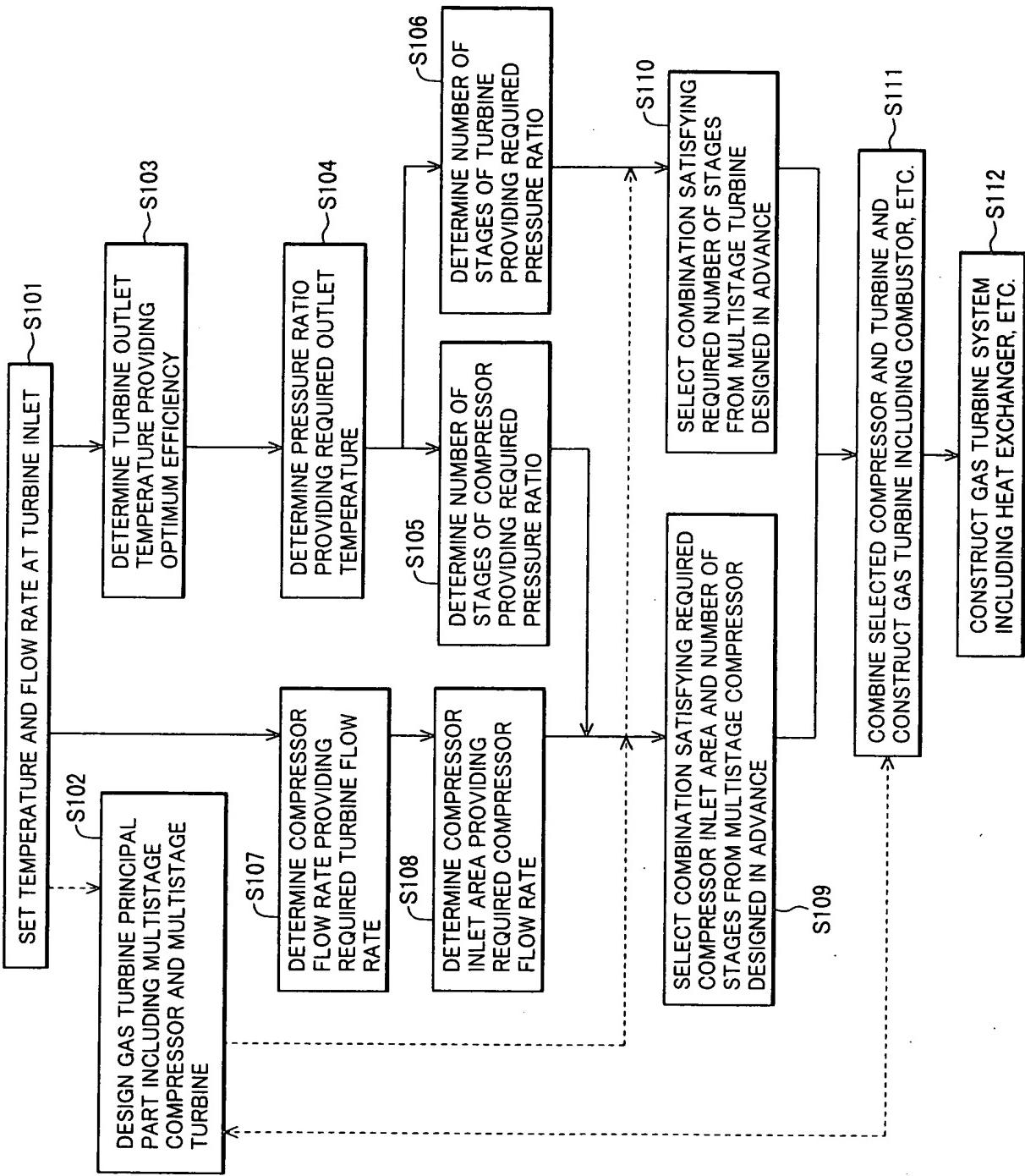
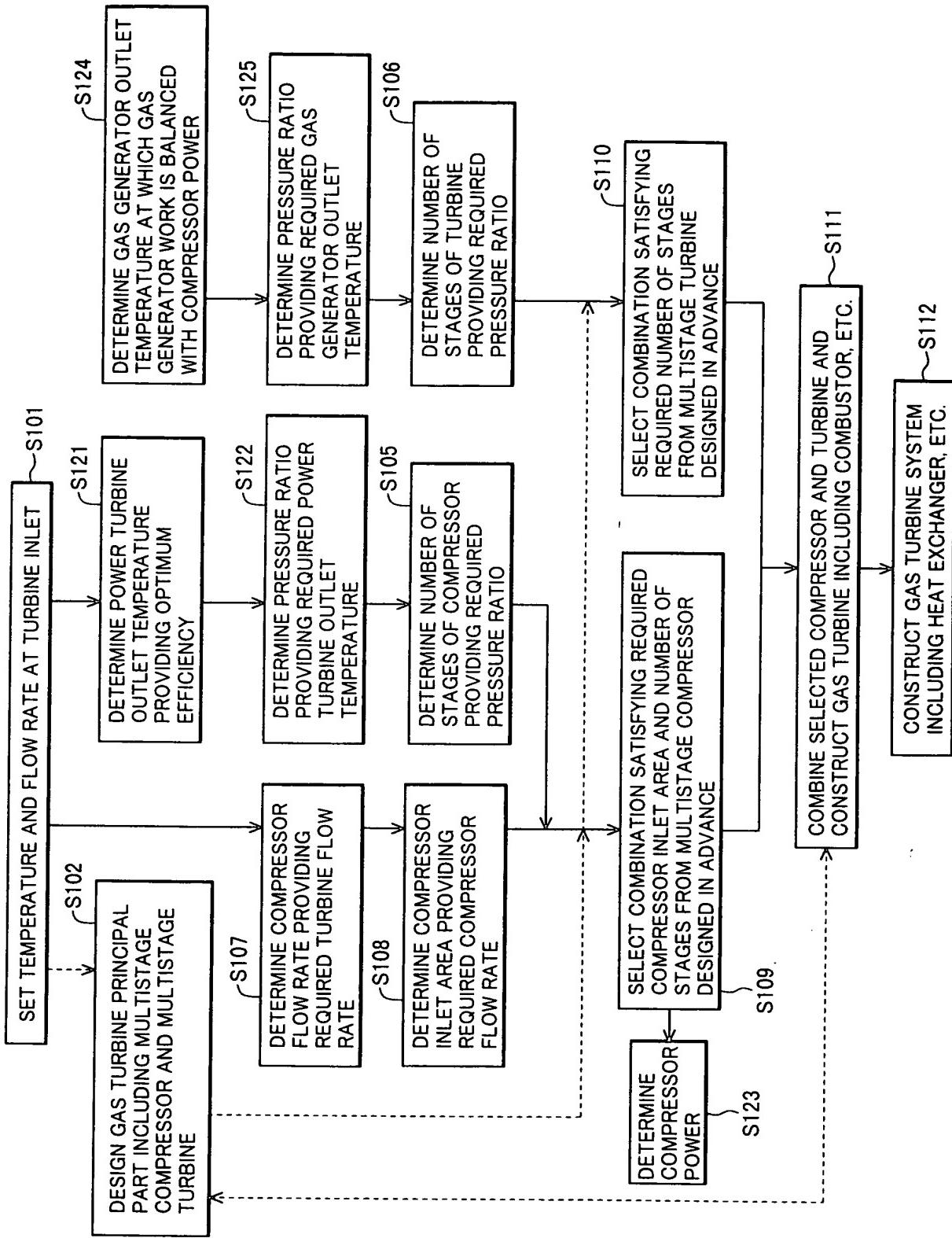
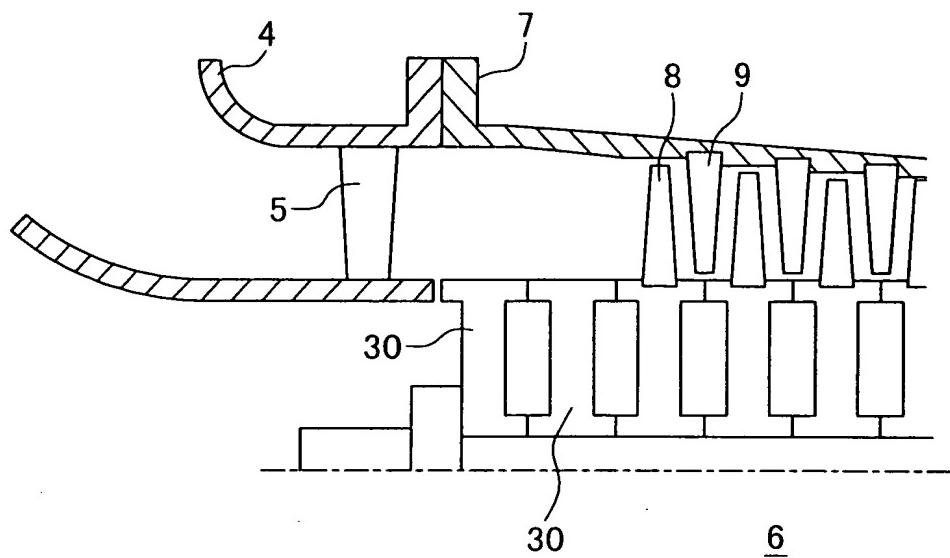


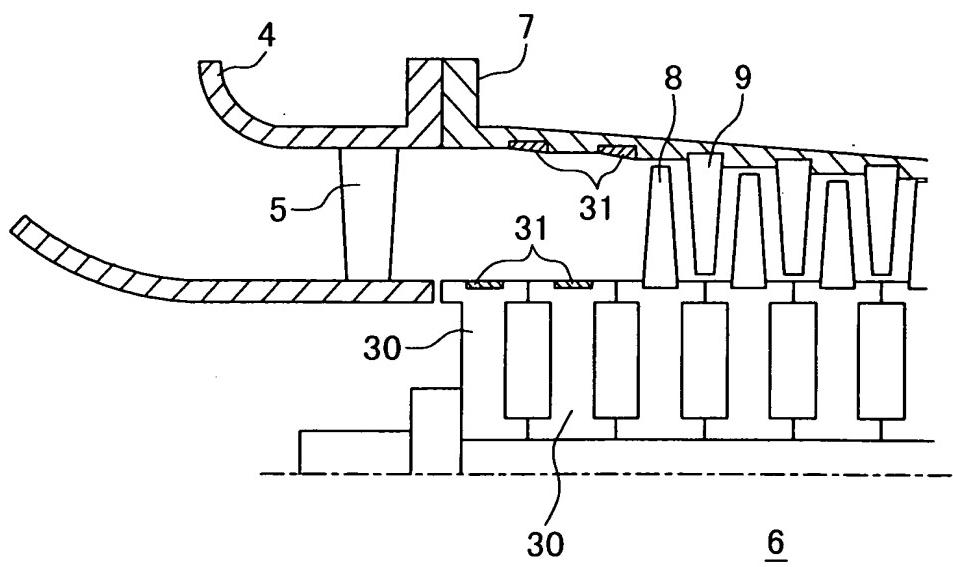
FIG. 7



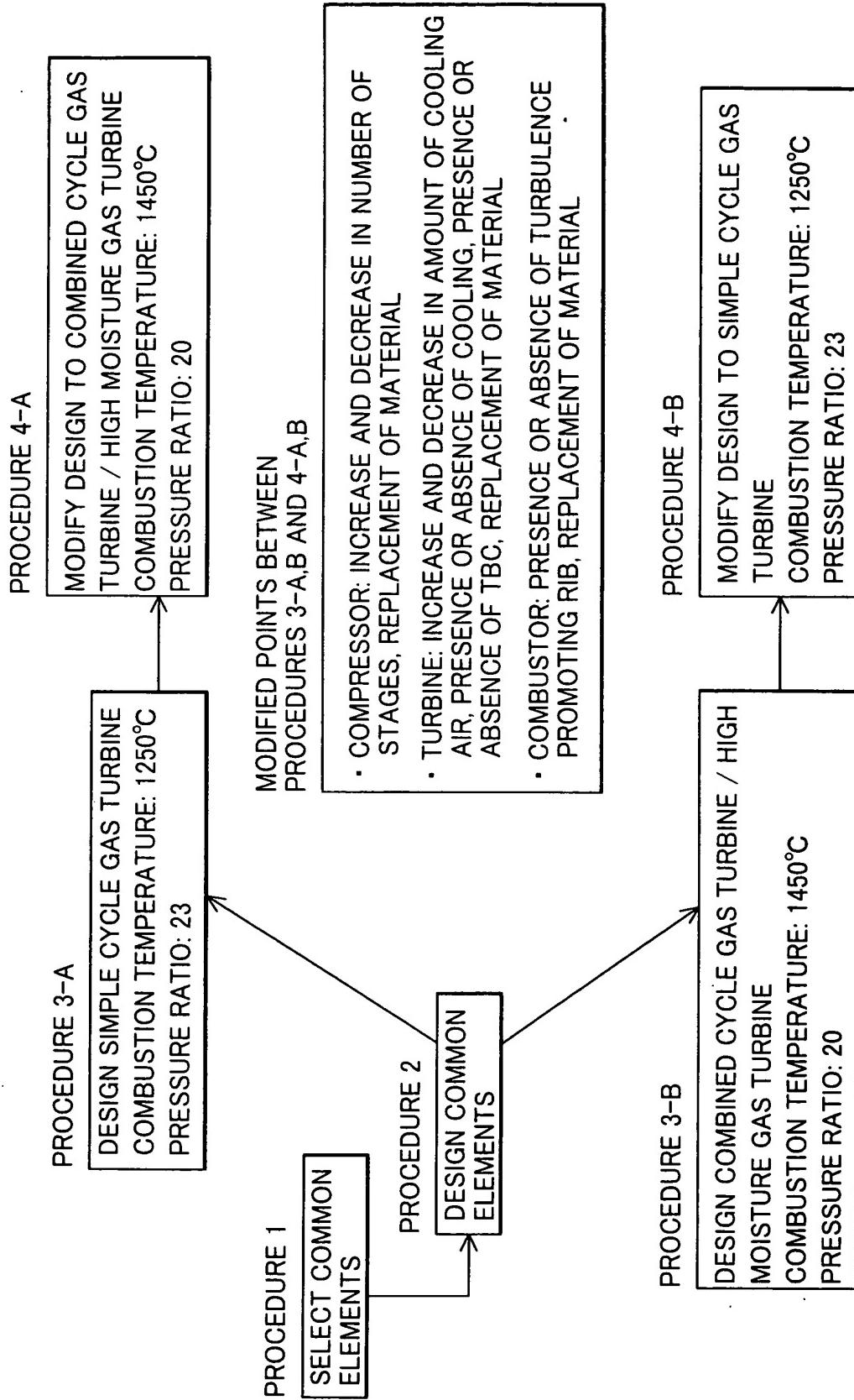
**FIG.8**



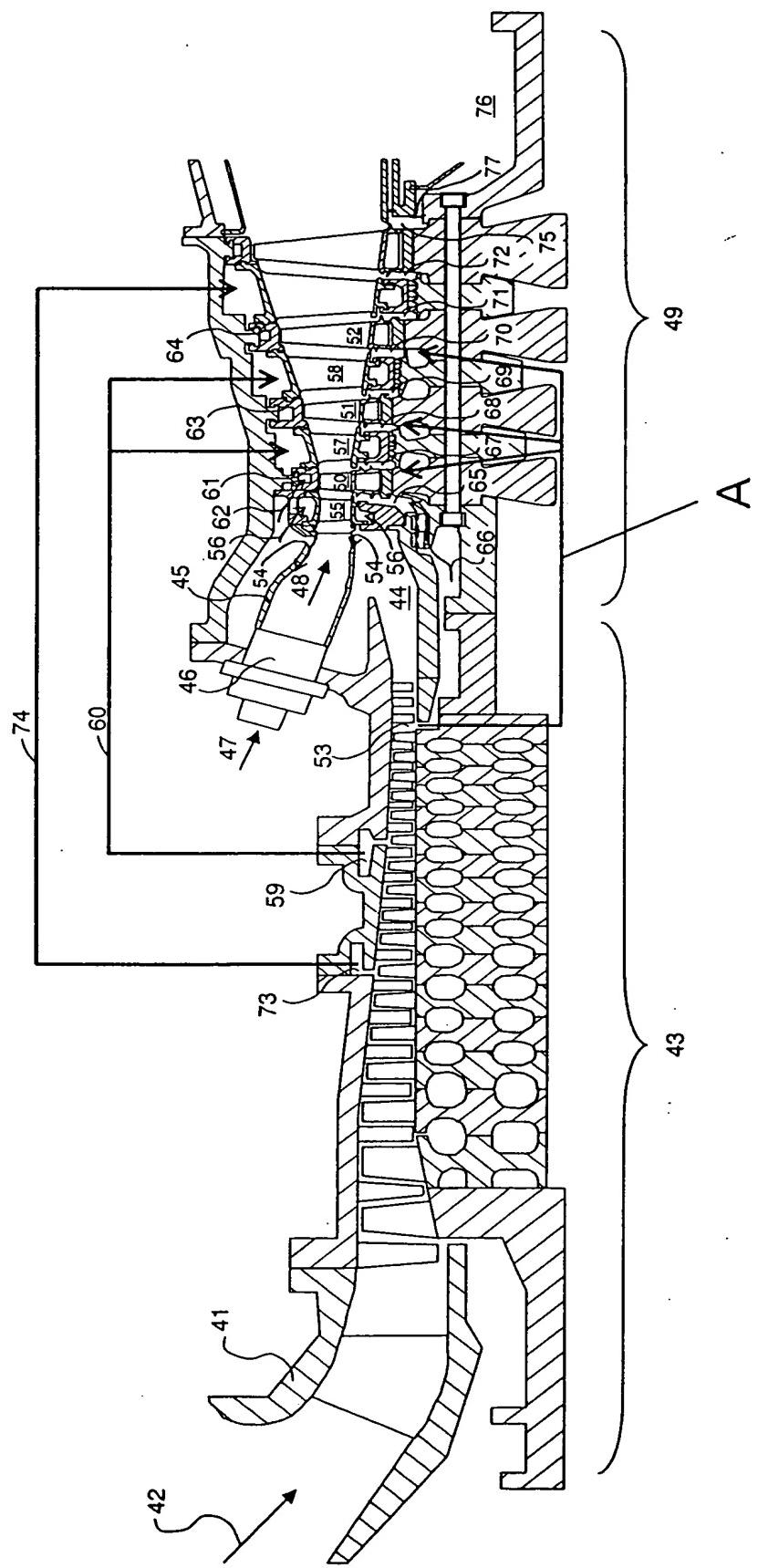
**FIG.9**



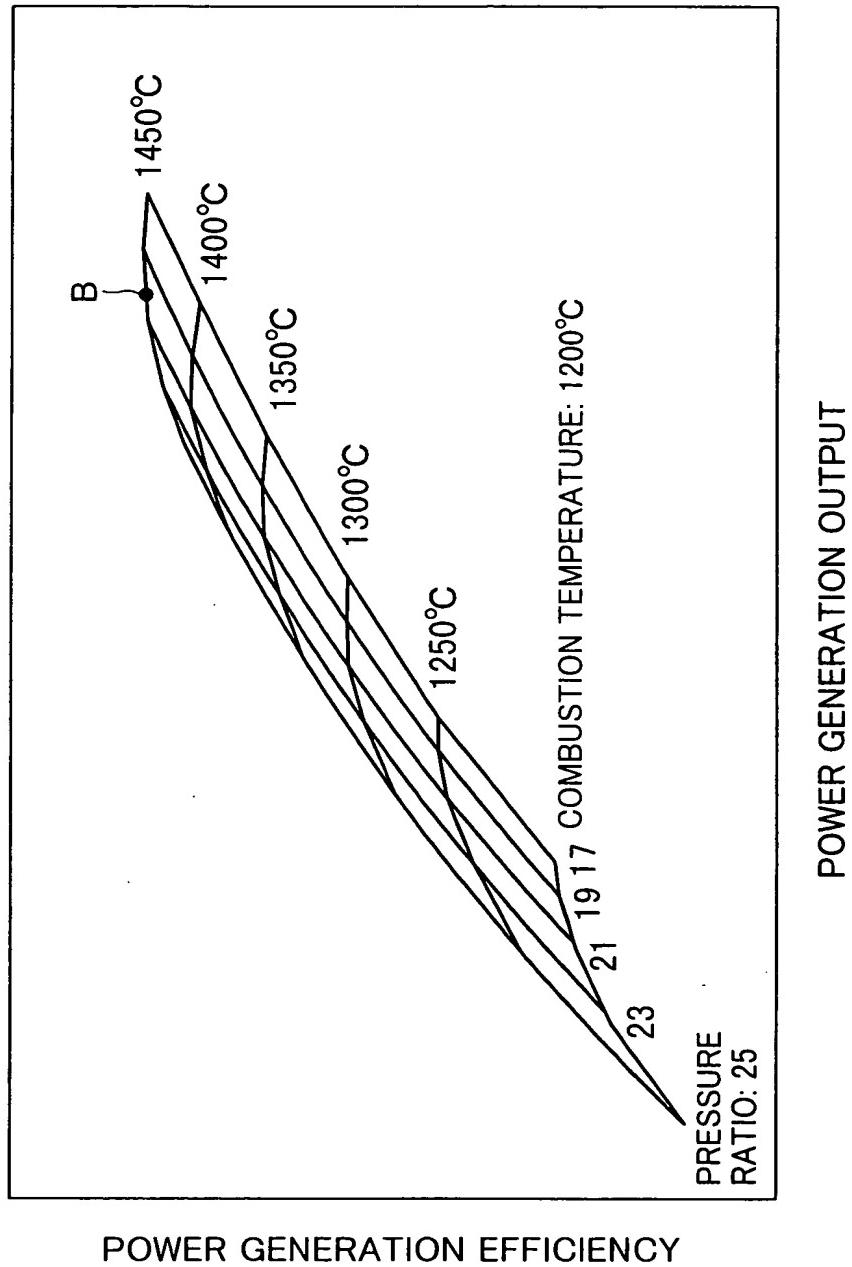
**FIG.10**



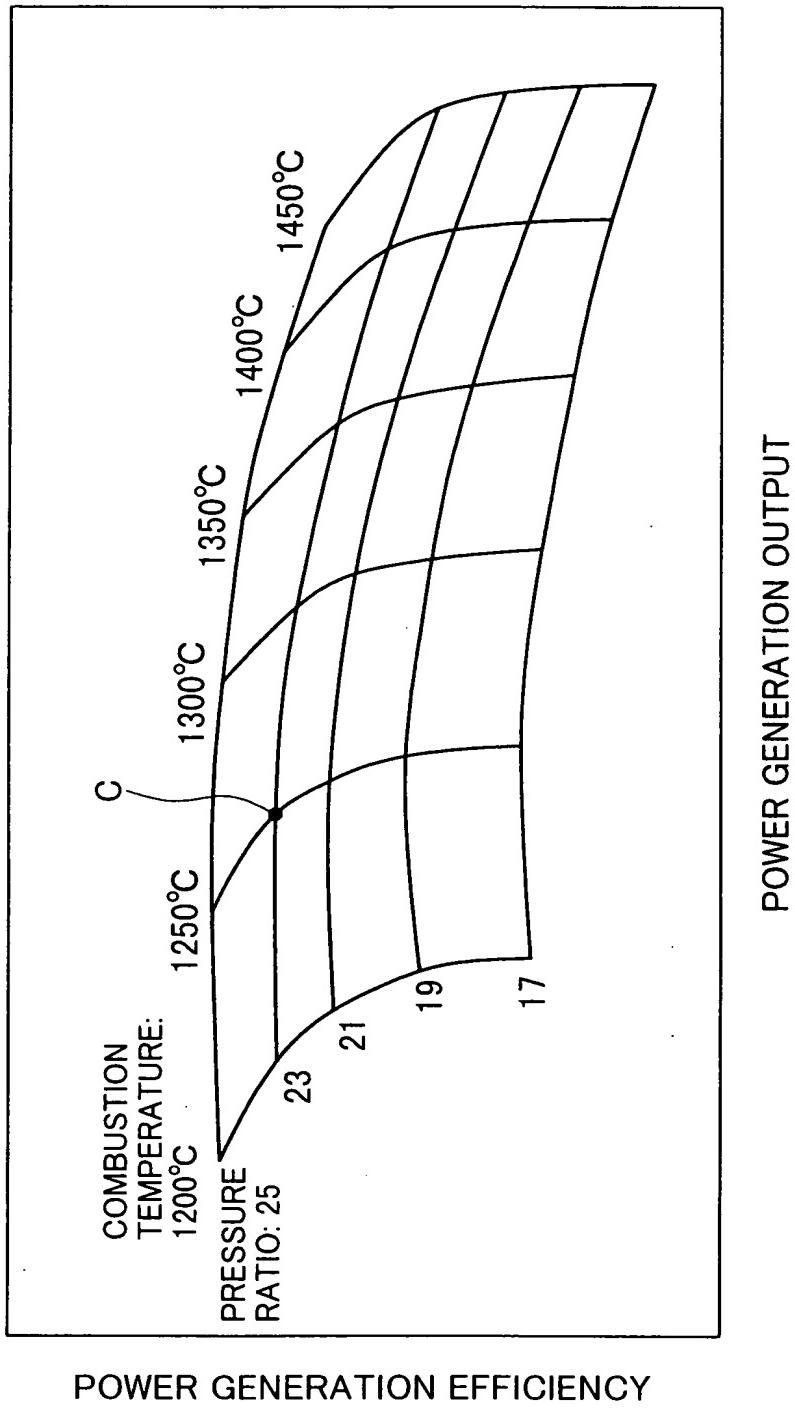
**FIG. 11**



**FIG.12**



**FIG. 13**



	COMBUSTION TEMPERATURE (°C)	PRESSURE RATIO	CYCLE
COMPRESSOR AIR FOIL	—	23	SIMPLE
COMPRESSOR ROTOR	—	23	SIMPLE
TURBINE AIR FOIL	1250	23	SIMPLE
TURBINE ROTOR	1450	—	COMBINED/MOISTURE UTILIZING GAS TURBINE CYCLE
CASING	1250	23	SIMPLE

FIG. 14

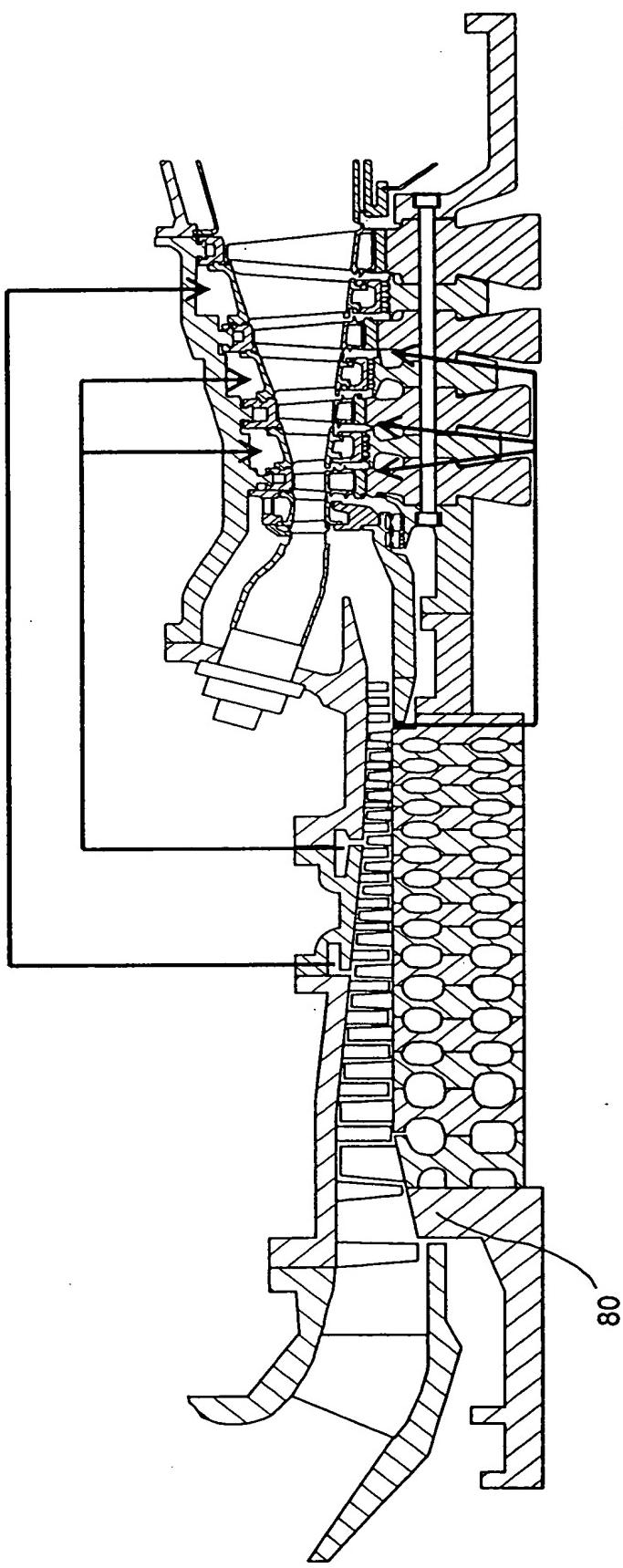
	COMBUSTION TEMPERATURE (°C)	PRESSURE RATIO
COMPRESSOR AIR FOIL	—	23/23
COMPRESSOR ROTOR	—	23/23
TURBINE AIR FOIL	1250/1250	23/23
TURBINE ROTOR	1250/1450	—
CASING	1250/1250	23/23

FIG. 15

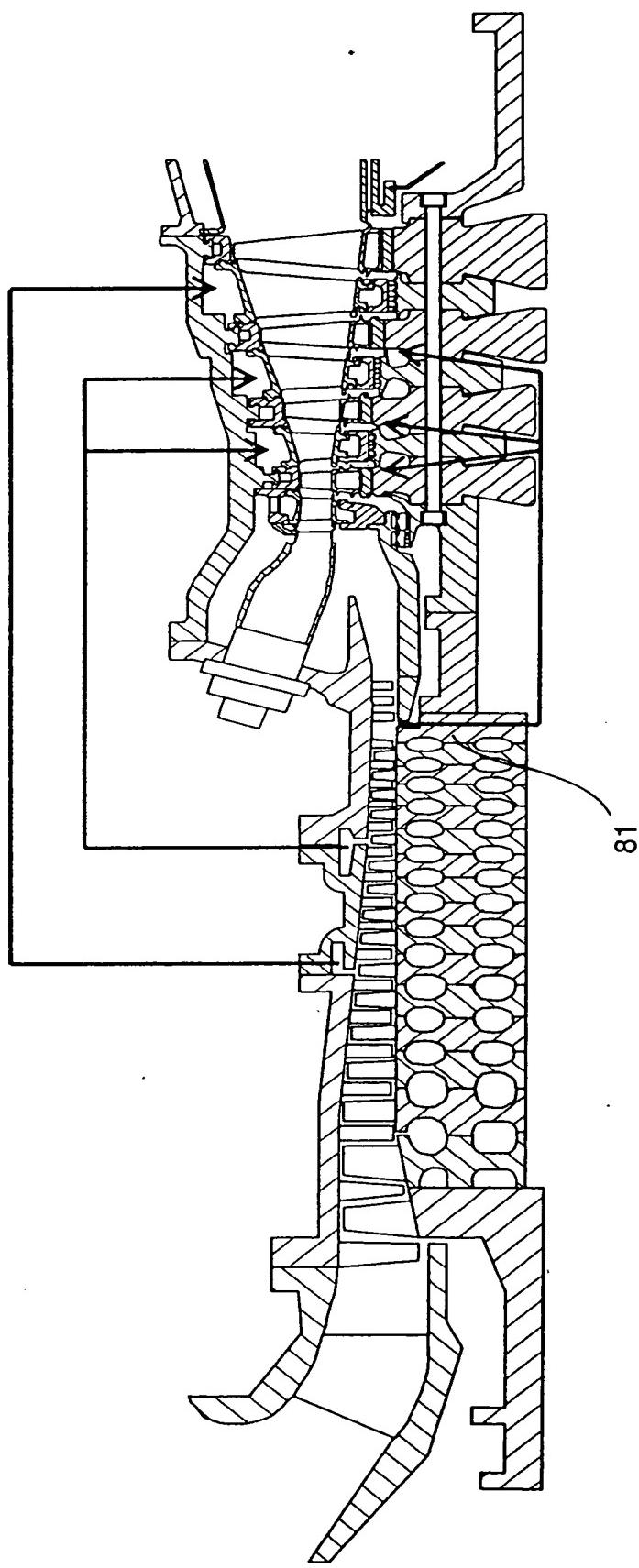
## **FIG.16**

	COMBUSTION TEMPERATURE (°C)	PRESSURE RATIO
COMPRESSOR AIR FOIL	—	20/23
COMPRESSOR ROTOR	—	20/23
TURBINE AIR FOIL	1450/1250	20/23
TURBINE ROTOR	1450/1450	—
CASING	1450/1250	20/23

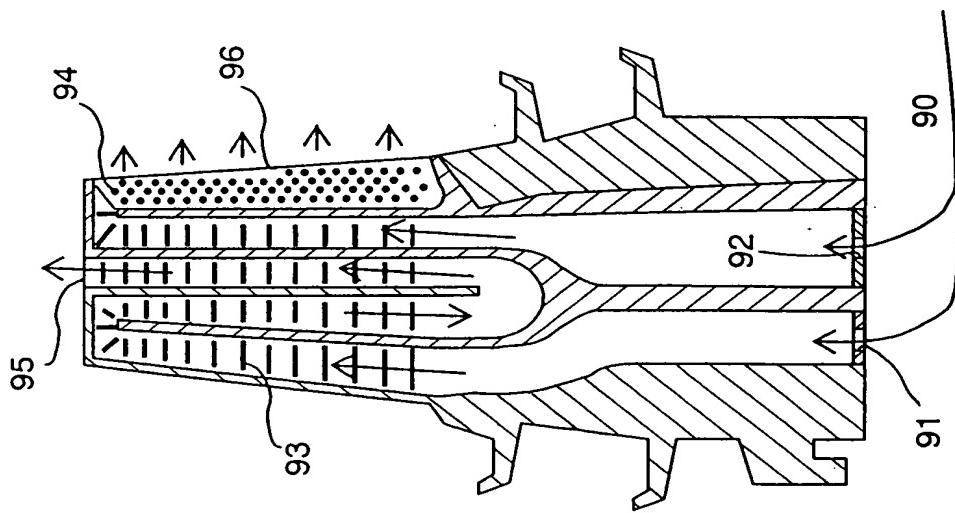
**FIG. 17**



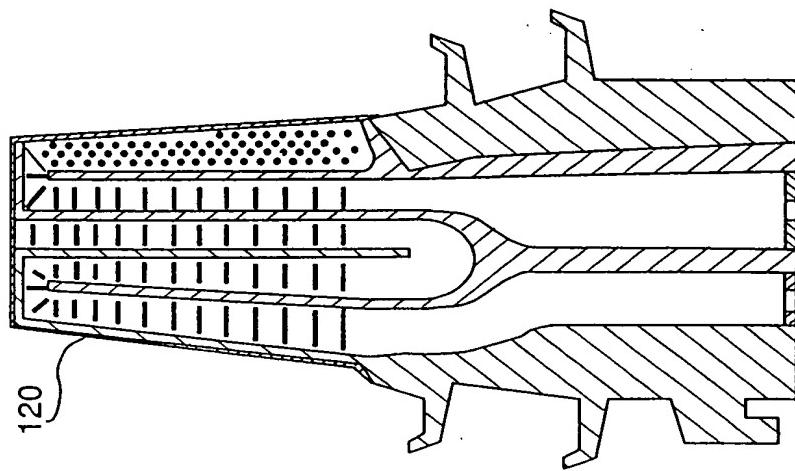
**FIG. 18**



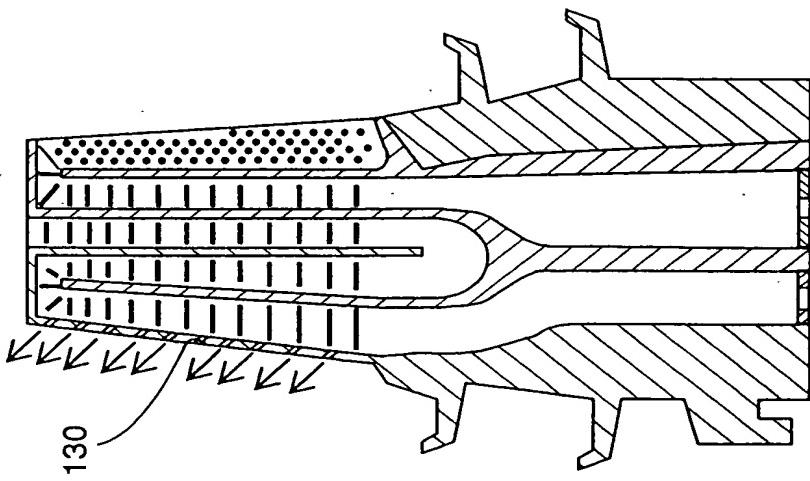
**FIG.19**



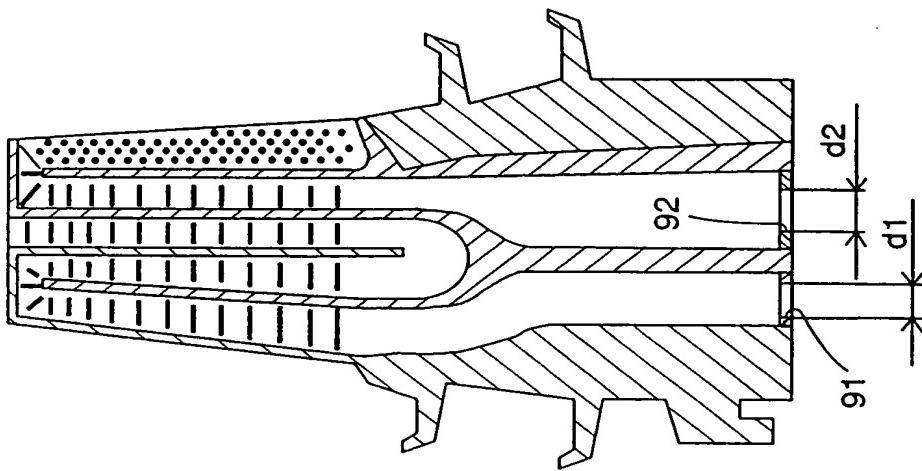
**FIG.20**



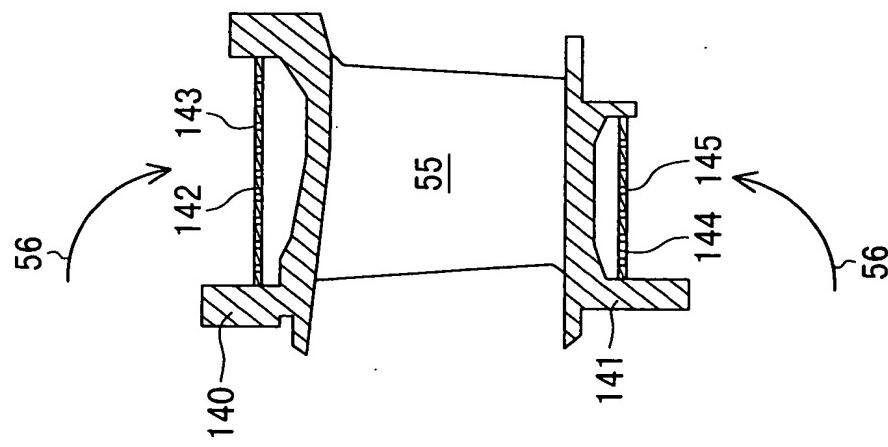
*FIG.21*



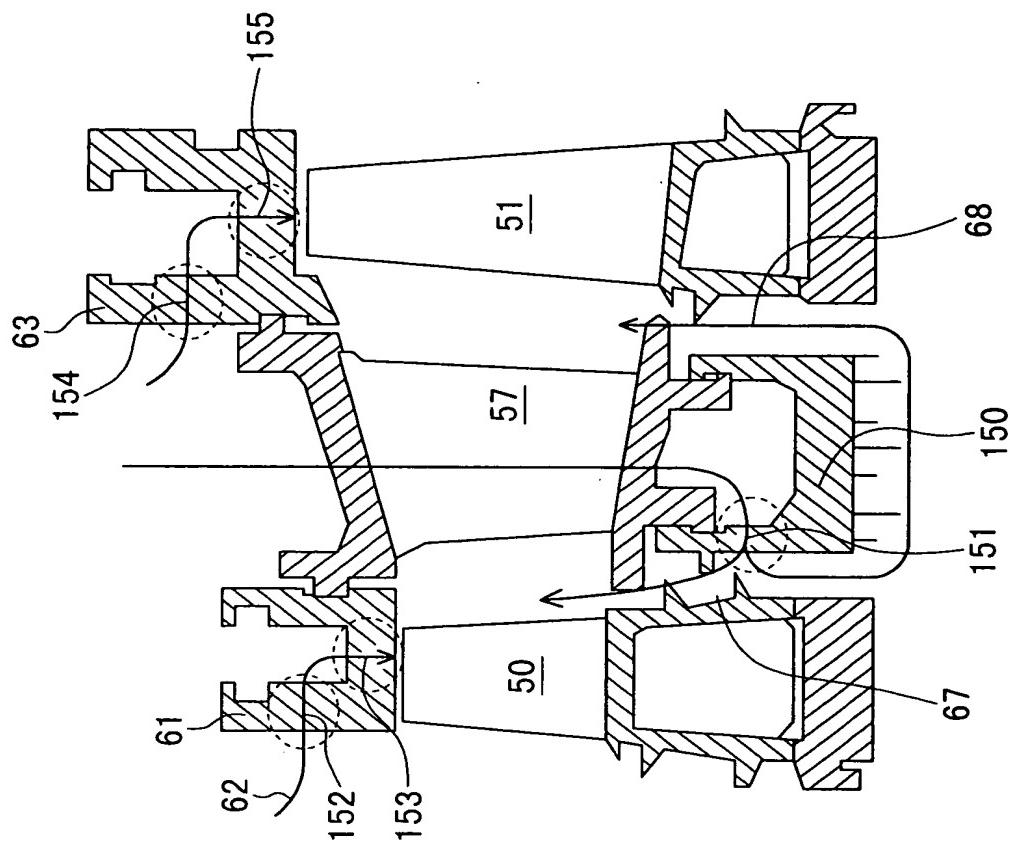
*FIG.22*



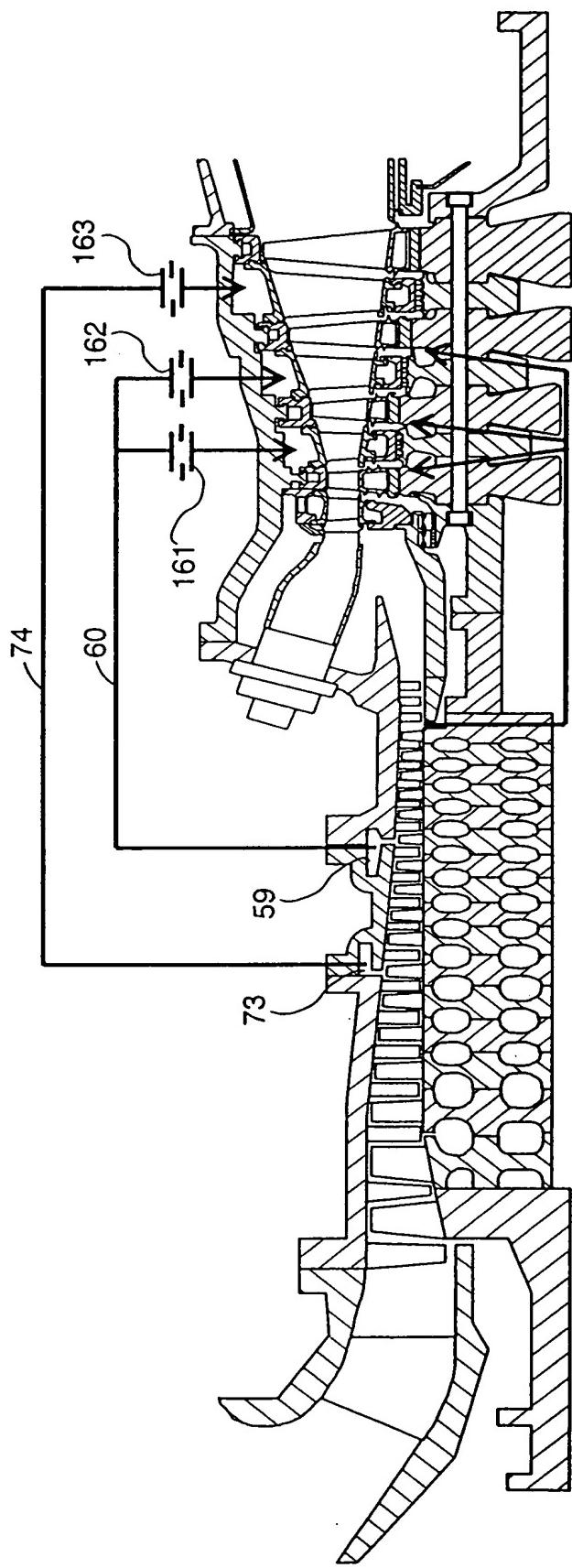
**FIG. 23**



**FIG. 24**



*FIG.25*



**FIG. 26**

